

PCT  
#

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/568,574
	Filing Date	February 16, 2006
	First Named Inventor	Jeffrey T. Borenstein
	Art Unit	Unknown
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number 61947(51588)

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Part 2 Copy of Notice Declaration Return Receipt Postcard
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	Marina Heusch		
Date	February 1, 2007	Reg. No.	47,647

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Label No. EV922748673US, on the date shown below in an envelope addressed to:  
MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: February 1, 2007

Signature: Denise Kacinski (Denise Kacinski)

I hereby certify that this paper (along with any paper referred to, as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Label No. EV922748673US, on the date shown below in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

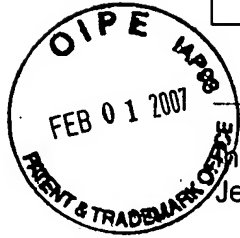
Dated: February 1, 2007

Signature:

*Denise Kadinski*  
(Denise Kadinski)

Docket No.: 61947(51588)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



re Patent Application of:  
Jeffrey T. Borenstein et al.

Application No.: 10/568,574

Filed: February 16, 2006

For: NANOTOPOGRAPHIC COMPOSITIONS  
AND METHODS FOR CELLULAR  
ORGANIZATION IN TISSUE ENGINEERED  
STRUCTURES

Confirmation No.: 6443

Art Unit: Unknown

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Offices (DO/EO/US) mailed January 18, 2007, Applicant respectfully submits a Combined Declaration and Power of Attorney and Part 2 Copy of Notice.

Please charge our Deposit Account No. 04-1105 in the amount of \$65.00 covering the fee set forth in 37 CFR 1.16(f). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our

02/05/2007 GFREY1 00000142 041105 10568574  
01 FC:2617 65.00 DA

Application No.: 10/568,574

,2

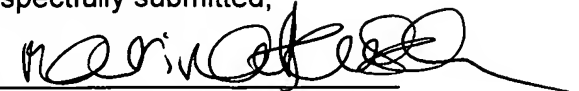
Docket No.: 61947(51588)

Deposit Account No. 04-1105, under Order No. 61947(51588).

Dated: February 1, 2007

Respectfully submitted,

By



Marina Heusch

Registration No.: 47,647

Amy M. Leahy

Registration No.: 47,739

EDWARDS ANGELL PALMER & DODGE  
LLP

P.O. Box 55874

Boston, Massachusetts 02205

(203) 975-7505

Attorneys/Agents For Applicant



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/568,574	Jeffrey T. Borenstein	61947(51588)

INTERNATIONAL APPLICATION NO.

PCT/US04/26848

I.A. FILING DATE

08/18/2004

PRIORITY DATE

08/18/2003

21874  
 EDWARDS & ANGELL, LLP  
 P.O. BOX 55874  
 BOSTON, MA 02205

CONFIRMATION NO. 6443

371 FORMALITIES LETTER



\*OC000000022024798\*

Date Mailed: 01/18/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/16/2006
- Copy of the International Search Report filed on 02/16/2006
- Preliminary Amendments filed on 02/16/2006
- Information Disclosure Statements filed on 03/15/2006
- Oath or Declaration filed on 02/16/2006
- U.S. Basic National Fees filed on 02/16/2006
- Priority Documents filed on 02/16/2006
- Specification filed on 02/16/2006
- Claims filed on 02/16/2006
- Abstracts filed on 02/16/2006
- Drawings filed on 02/16/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27,

**NOTED ON SYSTEM  
 SEE OTHER SIDE**

must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

TAMALA D HOLLAND

Telephone: (703) 308-9140 EXT 209

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/568,574	PCT/US04/26848	61947(51588)